

Form PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DKT. NO.

SERIAL NO.

1497 C3

09/964,650

INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Andreas WACHTLER

FILING DATE

September 28, 2001

GROUP

1756

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
<i>W</i>	AA 5,286,410	02/15/94	Weber et al.			
	AB 4,565,425	01/21/86	Petrzilka et al.			
	AC 4,784,471	11/15/88	Wachtler et al.			
	AD 4,818,428	04/04/89	Scheuble et al.			
	AE 5,318,721	06/07/94	Reiffenrath et al.			
	AF 5,013,477	05/07/91	Buchecker et al.			
	AG 5,021,189	06/04/91	Sawada et al.			
	AH 5,458,805	10/17/95	Wachtler et al.			
	AI 5,350,535	09/27/94	Rieger et al.			
	AJ 5,368,772	11/29/94	Rieger et al.			
	AK 5,382,379	01/17/95	Onji et al.			
<i>W</i>	AL 5,389,289	02/14/95	Rieger et al.			

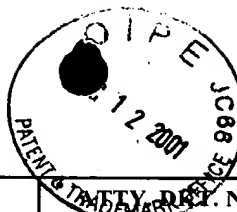
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## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
<i>W</i>	AM 3,906,040	09/1989	DT				
<i>W</i>	AN 3,732,384	04/1989	DE				
<i>W</i>	AO 8,801,018	03/1988	WO				
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	Translation of EP 205,503.
<i>W</i>	AV	Petrzilka et al., "New Liquid Crystals: The Synthesis and Mesomorphic Properties. . .", Mol. Cryst. Liq. Cryst., 1985, Vol 131, pp. 327-342.
<i>W</i>	AW	Liquid Crystal Handbook, 1985, pp.155-156; Original text and translation
<i>W</i>	AX	Pohl et al., "Multiplexible Liquid Crystalline Broad Range Systems", Mol. Cryst. Liq. Cryst., 1983, Vol. 97, pp. 277-286, pp. 277-286.
<i>W</i>	AY	Bahadur et al., Liquid Crystals - Applications and Uses (Vol. 1), 1990, pp. 234-237.
	AZ	
Examiner <i>Heaton</i>		Date Considered <i>5/1/03</i>



<b>Form PTO-1449</b>  <b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>INVENTOR'S NAME</b> MERCK 1497 C3	<b>SERIAL NO.</b> 09/964,650
	<b>APPLICANT</b> Andreas WACHTLER et al.	
	<b>FILING DATE</b> September 28, 2001	<b>GROUP</b> 1756

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AA	5,389,295	2/14/95	Wachtler et al.			
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AC	5,891,360	04/1999	Wachtler et al.			
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AL	5,230,826	07/1993	Boller et al.			

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<b>Examiner</b> 	<b>Date Considered</b> 5/1/03



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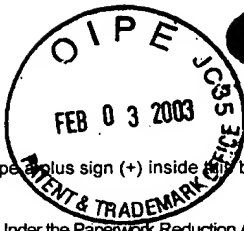
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
<i>In</i>	AA	5,292,452	03/1994	Buchecker et al.		
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						Yes	No
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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/964,650
		Filing Date	September 28, 2001
		First Named Inventor	Andreas WACHTLER et al.
		Group Art Unit	1756
		Examiner Name	Shean Chiu Wu
Sheet 1 of 2	Attorney Docket Number	MERCK-1497 C3	

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
<i>h</i>	A1	4,621,901		Petrzilka et al.	11-11-1986	
	A2	4,709,030		Petrzilka et al.	11-24-1987	
	A3	5,032,313		Goto et al.	07-16-1991	
	A4	5,122,295		Weber et al.	06-16-1992	
	A5	5,171,469		Hittich et al.	12-15-1992	
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	A9	5,230,829		Bartmann et al.	07-27-1993	
	A10	4,405,488		Sugimor et al.	09-20-83	
	A11	4,398,803		Pohl et al.	08-16-83	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	B1	WO	86/03769			07-03-86		

Examiner Signature	<i>Shane</i>	Date Considered	5/1/03
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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